

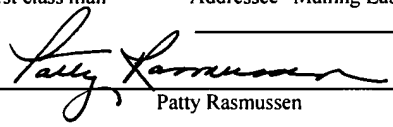


#14
CK
9/10/01

CERTIFICATE OF MAILING

I hereby certify that on August 1, 2001 this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, DC 20231.

37 C.F.R. § 1.8(a) 37 C.F.R. § 1.10
☒ with sufficient postage ☐ as "Express Mail Post Office to
as first class mail Addressee" Mailing Label No.


Patty Rasmussen

PATENT

Applicant: Baun, et al.
Serial No.: 09/551,332
Filed: April 18, 2000
Title: **FULLY AUTOMATED TELESCOPE
SYSTEM WITH DISTRIBUTED
INTELLIGENCE**
Examiner: J. Winstedt
Group Art Unit: 2872
Notice of Allowance
Dated: 7/18/01
Batch No.: J38
Atty Docket No.: 12187-19

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Assistant Commissioner for Patents
BOX ISSUE FEE
Washington, D.C. 20231

Post Office Box 7680
Newport Beach, CA 92660-6441

August 1, 2001

Commissioner:

In response to the examiner's Statement of Reasons for Allowance, dated July 18, 2001, applicants respectfully respond as follows:

The examiner has indicated that claims 54, 56-61, 63-69, 71-79, and 81-88 are allowable over the prior art for at least the reason that the prior art fails to teach or reasonably suggest each of two motor control processors each comprising a position register, the register storing a calculated actual extent of motor movement, wherein each motor controlled processor provides its register contents to the command processor, the command processor translating the register contents into telescope angular displacement about the corresponding axis to calculate thereby a present telescope position.

Applicants wish to note that the term "position register" is a term of convenience, and is not intended to suggest that the motor control processor register holds the telescope's actual position. Rather, the "position register" is configured to hold information relating to, or

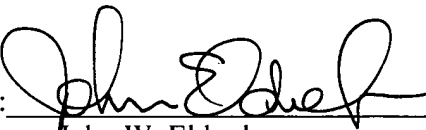
Application No. 09/551,332

corresponding to position, in that the information contained in the register can be processed in order to derive telescope position. Accordingly, the term "position register" should be construed as including a broad range of equivalent register structures, identified in accordance with a variety of naming conventions, and whose contents contain a sufficient form of information to allow a command processor to translate said information into telescope angular displacement about a corresponding access to calculate thereby a present telescope position.

Similarly, a calculated "actual extent" of motor movement refers to a real amount of motor movement in response to a motor movement command, as differentiated from a "supposed" or "presumed" amount of motor movement in response to a motor movement command. "Actual extent" refers to the motor indeed moving a commanded amount, and the automated telescope system's ability to make use of real motor movement in order to calculate a present telescope position.

Please address all correspondence to **STRADLING YOCCA CARLSON & RAUTH, IP**
Department, 660 Newport Center Drive, Suite 1600, P.O. Box 7680, Newport Beach, California
92660-6441.

Respectfully submitted,
STRADLING YOCCA CARLSON & RAUTH

By: 
John W. Eldredge
Reg. No. 37,613
(949) 725-4143

JWE/cml